

Plexin A4 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP54677

Specification

Plexin A4 Polyclonal Antibody - Product Information

Application	WB, IHC-P, IHC-F, IF, ICC
Primary Accession	Q9HCM2
Reactivity	Rat, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	212455

Plexin A4 Polyclonal Antibody - Additional Information

Gene ID 91584

Other Names

Plexin-A4, PLXNA4, KIAA1550, PLXNA4A, PLXNA4B

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Plexin A4 Polyclonal Antibody - Protein Information

Name PLXNA4

Synonyms KIAA1550, PLXNA4A, PLXNA4B

Function

Coreceptor for SEMA3A. Necessary for signaling by class 3 semaphorins and subsequent remodeling of the cytoskeleton. Plays a role in axon guidance in the developing nervous system. Class 3 semaphorins bind to a complex composed of a neuropilin and a plexin. The plexin modulates the affinity of the complex for specific semaphorins, and its cytoplasmic domain is required for the activation of down-stream signaling events in the cytoplasm (By similarity).

Cellular Location

Cell membrane; Single-pass type I membrane protein

Plexin A4 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Plexin A4 Polyclonal Antibody - Images